

SCAT Airlines Takes Flight Tracking to New Heights with Jeppesen Fleet Insight

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- Stanislav Ryaskov, Deputy Head of OCC and Flight Dispatch, SCAT Airlines

About SCAT Airlines

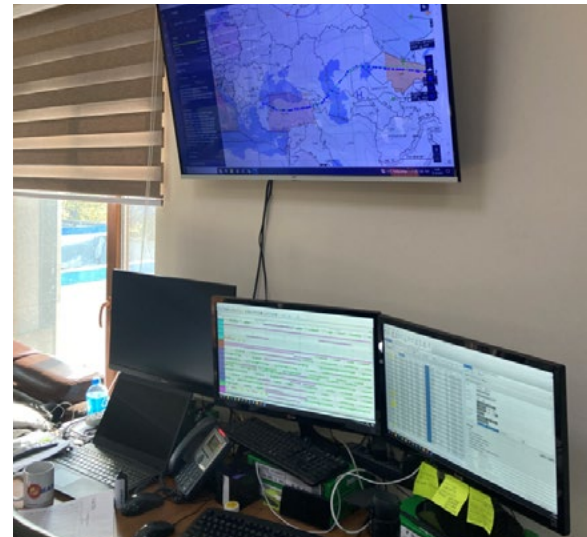
SCAT Airlines, established in 1997 and based in Kazakhstan, operates domestic and international flights connecting various cities within Kazakhstan and neighboring countries as well as several countries in the Eurocontrol area, such as Turkey. The airline's main hub is located at Shymkent International Airport. With a modern fleet of 22 aircraft, SCAT offers passenger and cargo transportation, charter flights, and travel packages.

Meeting the Highest Quality Standards

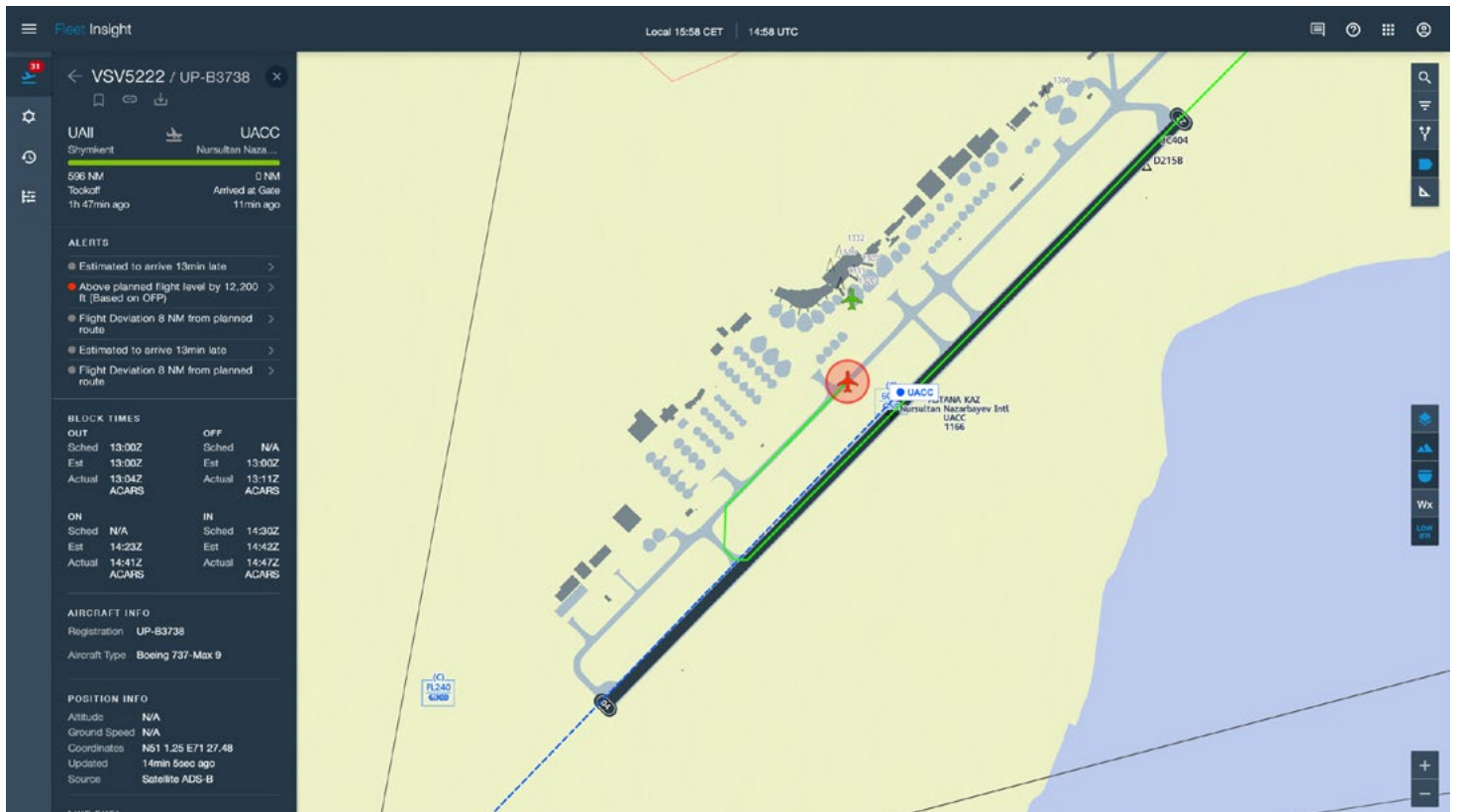
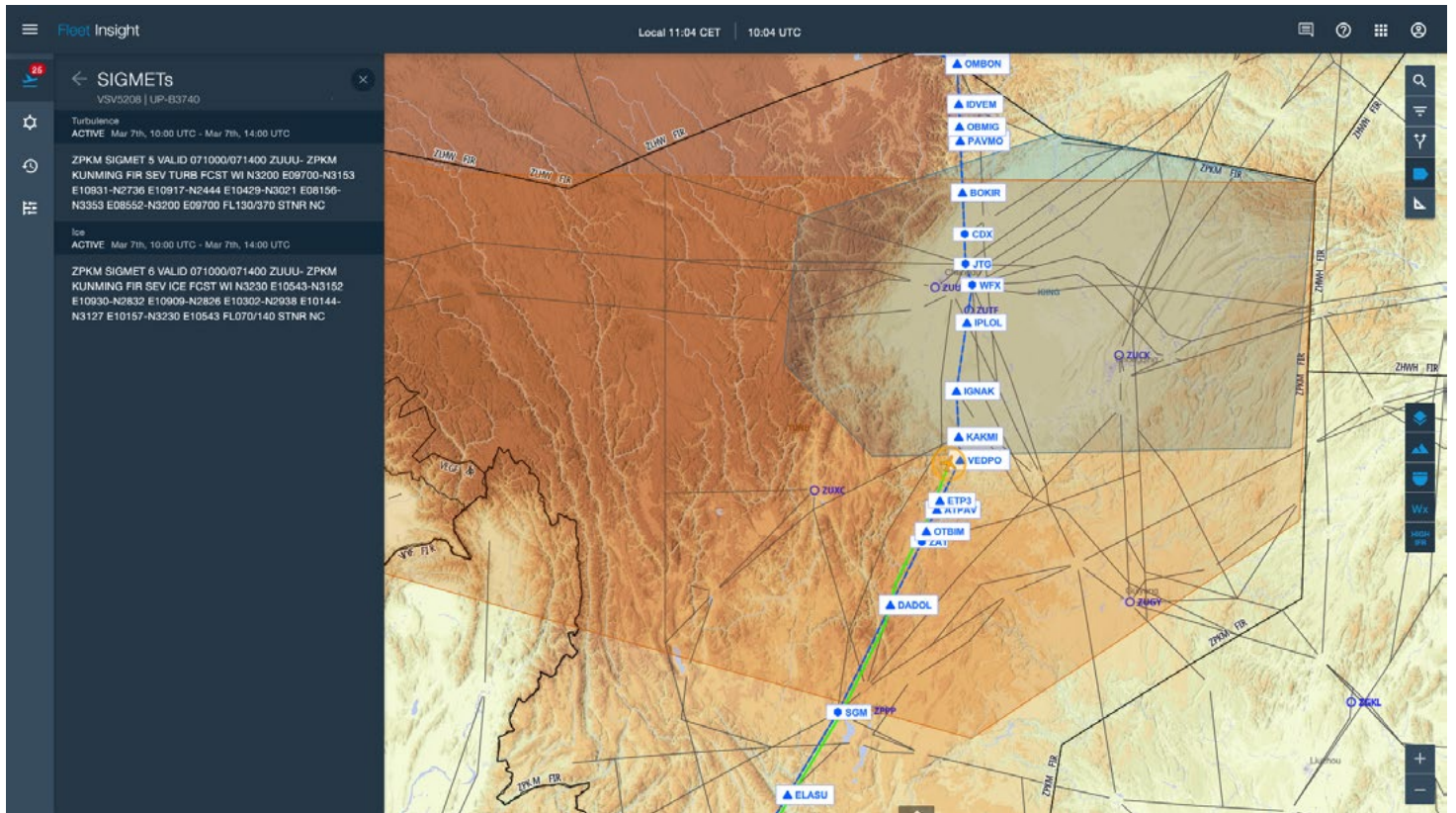
After a successful proof of concept, SCAT Airlines implemented Fleet Insight in its Operations Control Center in Shymkent at the beginning of 2024. Fleet Insight is a cloud-hosted flight tracking solution that provides increased situational awareness and operational efficiency.

One of SCAT's primary requirements for a new flight tracking solution was accurate and reliable global position reporting data. By combining terrestrial ADS-B data from FlightRadar24, satellite ADS-B data from Aireon, and integrating SCAT's ACARS data, Jeppesen Fleet Insight offers precise 4D position data worldwide. With update rates in real-time, the tracking data meets highest quality standards. This enables SCAT to confidently track their aircraft locations and supports compliance with the Global Aeronautical Distress & Safety System (GADSS) flight tracking mandate.

Fleet Insight also offers extensive mapping functionalities, integrating Jeppesen's well-known NavData® with multiple aviation layers such as airspaces, waypoints, and airport vector maps for over 1,000 airports.



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Tracking data from FlightRadar24, Aircron and SCAT's ACARS data in combination with Jeppesen's NavData® provides SCAT with reliable aircraft tracking and position visualizations across the entire operation.

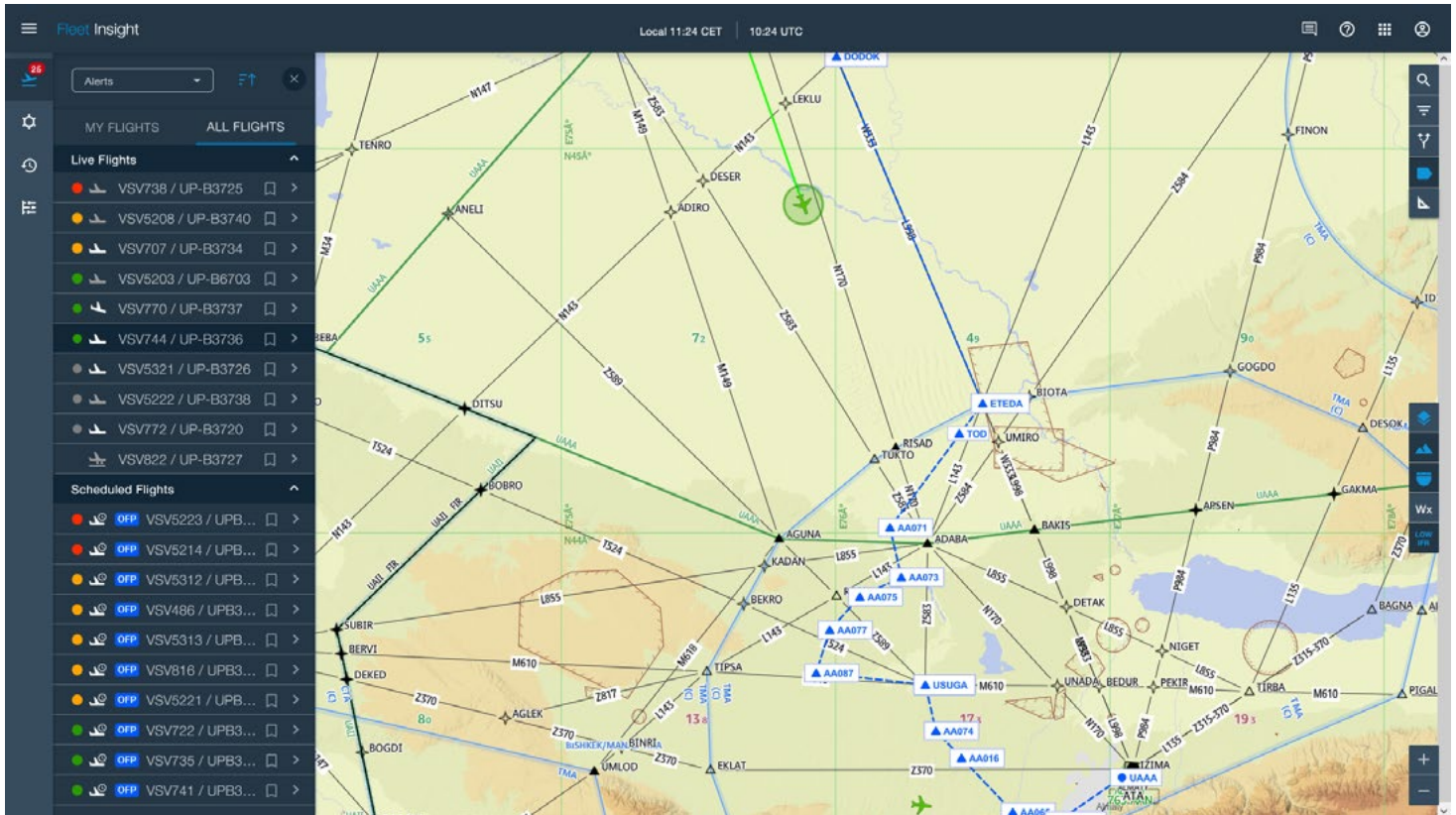
Delivering Exceptional Customer Service

Apart from the data quality and reliability, SCAT Airlines also considered other factors in their decision for Fleet Insight. Stanislav Ryaskov, Deputy Head of OCC and Flight Dispatch, states, “By choosing Fleet Insight, we not only have a very intuitive product that helps us increase our situational awareness and operational efficiency, but we also benefit from their exceptional customer service. We have a long and very positive relationship with Jeppesen, and we are happy to expand our collaboration further by employing Fleet Insight into our operations.”

Integrating to Optimize

SCAT also uses Jeppesen’s electronic flight deck application FliteDeck Pro. Both applications use the same navigational and weather data with a common data depiction. This makes it easier for crew and dispatch personnel to discuss situational changes with the other party as both see the exact same data and have the same degree of situational awareness.

Fleet Insight simplifies dispatchers’ daily work by integrating live and scheduled flights, Jeppesen NavData®, graphical and textual weather, NOTAM information, flight insights through Boeing’s AnalytX, and ATC information into one application. This reduces the need for dispatchers to check multiple screens simultaneously, increasing situational awareness and decreasing the risk of overlooking important information.



Fleet Insight integrates SCAT’s flight plan with live and scheduled flights. A color-coded alerting system informs the user immediately about any flight events such as flight plan deviations, diversions, holding situations and more.

Fleet Insight was developed following a user-centric design approach, ensuring it accurately reflects dispatch workflows and provides ease of use. Thus, dispatchers can find required information quickly and achieve their objectives efficiently.

Otabek Adasov, flight dispatcher at SCAT Airlines comments, “As a dispatcher, you need to have your eyes everywhere while making sure every flight goes to plan. Our new flight tracking system provides me with more confidence since I know that it will automatically alert me in case of a situational change, and it makes you feel less stressed about having missed out on something.”

 Learn more about Fleet Insight or contact us directly at FleetInsightInfo@exchange.boeing.com